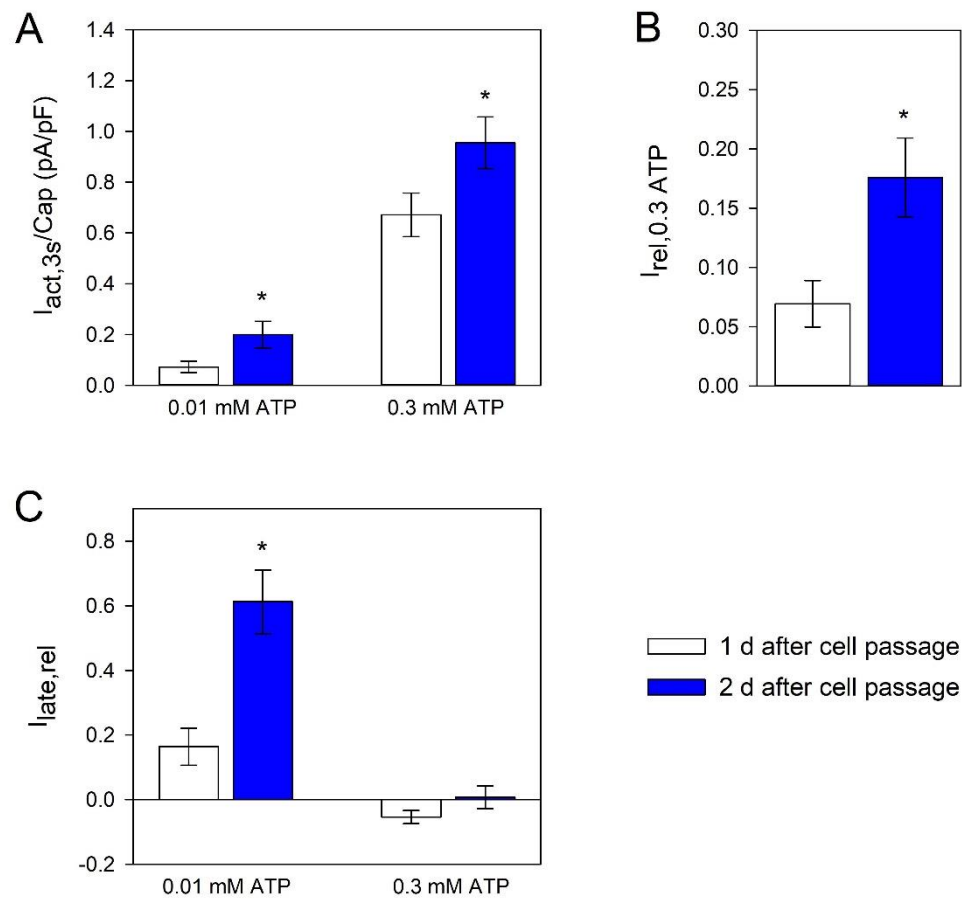


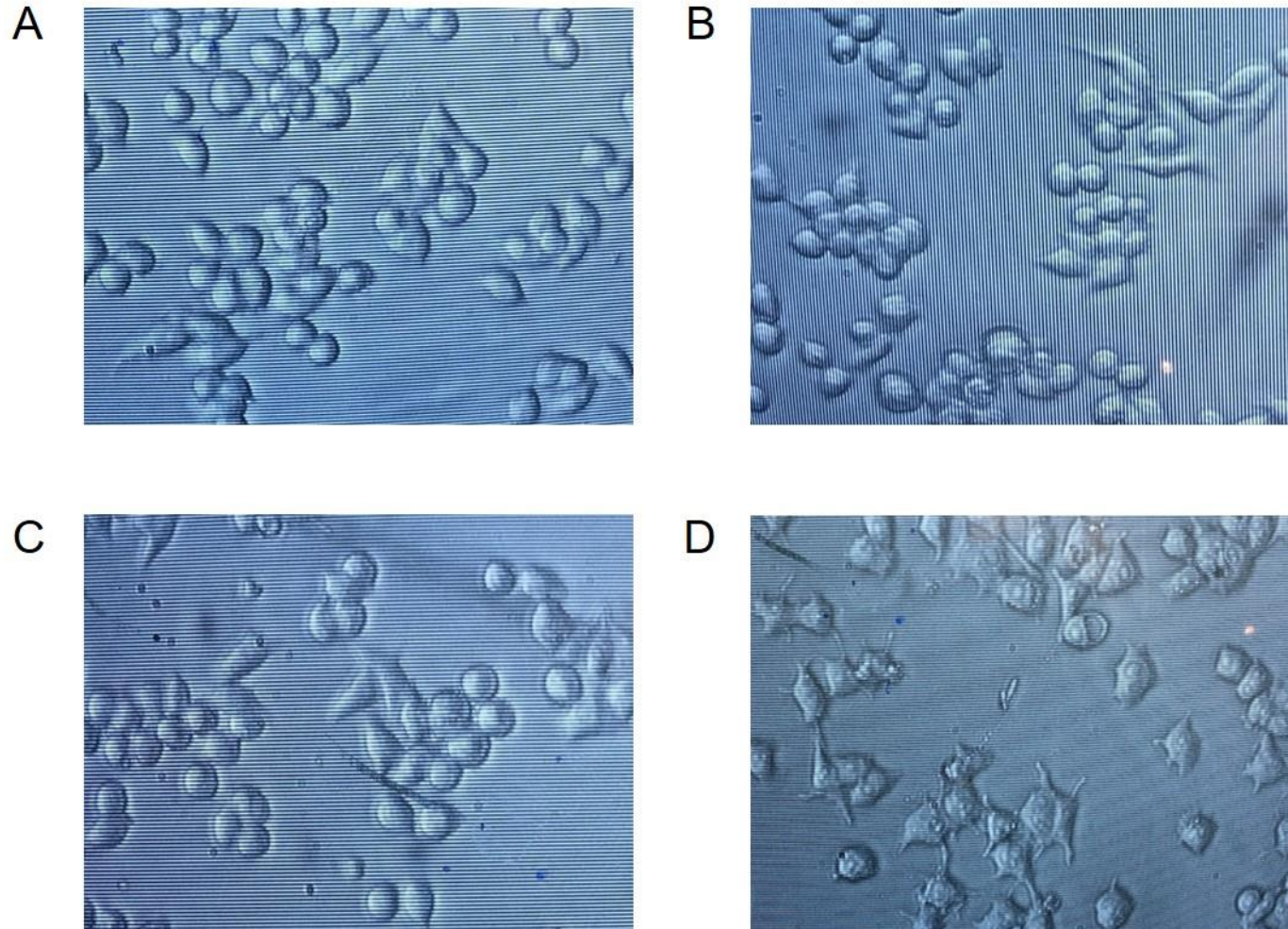
Supplementary Table S1. Sequences of primers used for RT-PCR amplification and Gateway cloning of mP2X7 DNA

| Construct number | Construct name | Primer number | Orientation | Primer sequence |
|------------------|----------------|---------------|-------------|--|
| K-4219 | mP2X7-pDONR | O-5627 | forward | 5' GGGGACAAGTTTGTACAAAAAAGCAGGCT <u>ATGCCGGCTTGCTGCAGCTGGAACG</u> |
| K-4219 | mP2X7-pDONR | O-5628 | reverse | 5' GGGGACCACTTTGTACAAGAAAGCTGGGT <u>TCAGTAGGGATACTTGAAGCCACTG</u> |

Construct and primer numbers refer to lab-internal documentation lists and are displayed for traceability. Gateway AttB1 and AttB2 sequences used for cloning into the pDONR vector are shown in bold and underlined. Start and the stop codons are highlighted in green and red in forward and reverse direction.



Supplementary Figure S1. Influence of cultivation duration on ATP-induced currents. Shown are (A) current densities of currents activated by the indicated ATP⁴⁻ concentrations, (B) relative currents $I(0.01 \text{ ATP})/I(0.3 \text{ ATP})$ and (C) relative current amplitudes of the late current, $I_{late,rel}$. For further details, see Fig. 6. The data are mean values \pm SEM of 31-66 cells.



Supplementary Figure S2. Influence of LPS and IFN- γ on cell morphology. Photographs of cell cultures under control condition (A) and after 24 h application of LPS (B), IFN- γ (C) or LPS and IFN- γ (D).